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Agricultural Libraries Information Notes



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photo: J. Swab

Ron Young prepares to film the oral history interview of Dr. Paul O'Connell by Jane Gates.

NAL Videotapes Farming Experts for Posterity

by Brian Norris
Public Affairs Officer, NAL

One day, one or two hundred years from now, a gardener may be listening as Dr. James A. Duke tells how certain herbs can be used to keep insects and disease from harming corn and potato crops. Duke is only one of several farming experts who have appeared in videotapes which will convey current farming know-how and thinking to future generations.

The National Agricultural Library has begun videotaping "oral histories" with prominent scientists in the field of alternative agriculture. Copies of the videotapes will be maintained at NAL for the researchers and farmers of the future. The tapes also are available for loan currently.

NAL is producing the tapes in an effort to save the expertise of present-day farming authorities for future generations of U.S. farmers, and to allow these luminaries to tell in their own words of their emergence in their fields.

"Like librarians for thousands of years, we are working to save important information for posterity," said Jayne MacLean, coordinator of NAL's Alternative Farming Systems Information Center and the impetus behind the oral histories. "Videotape is another way for us to do this. Plus, seeing famous

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- ...and more**



James A. Duke

photo: J. Swab

people talk about themselves long after they're gone will make them more human to future generations and less 'godlike' as sometimes becomes the case with historical figures."

In planning the oral histories series, MacLean took advantage of the skills of her co-worker, Jane Gates. "I had experience in doing oral histories while working for an arboretum library in San Francisco," Gates said. "When I came to NAL, I explained to Jayne what I had done, and we both agreed it could have value for what we were doing at the information center."

NAL's Alternative Farming Systems Information Center provides information about farming systems that are profitable yet have minimum impact on the environment. The persons featured in the videotapes stress these techniques. The tapes include a personal history in the person's own words and discussions covering the person's areas of interest and expertise.

"For a researcher or biographer a generation or more from now actually to see and hear people who have gained renown in their fields talk about themselves, their lives, and their work has exciting implications," Gates said. "Imagine being able to view a videotape

of Charles Darwin or George Washington Carver talking about their work; to hear, in their own words, about their lives and motivation. It would add a new dimension to what is already known about these great scientists."

Dr. Duke was the subject of the first oral history produced by MacLean and Gates in August 1988. He is a botanist with the USDA's Agricultural Research Service in Beltsville, Maryland. "Jim is a nationally recognized authority in herb research," MacLean said. "He also is very articulate, with hundreds of anecdotes and a delightful personality. Jane and I thought he would be an ideal first candidate for an oral history."

On three consecutive days, MacLean and Gates met with Duke to pick his brain for information on his development as a botanist and on herbs. Ron Young, a library technician from NAL's Special Collections operated a videocamera. What they came up with was a 2-hour videotape of Duke recounting his upbringing in Alabama and North Carolina, his career in botany, and his insights on the future of herb use in farming and in medicine.

Duke was pleased to do the interview. "I guess we all want to be remembered for our work," he said. "That people living years from now will be able to hear what I had to say about herbs and such is gratifying to me. Hopefully, it will be useful, too."

Since the Duke tape, MacLean and Gates have gone ahead with additional interviews. Some of these are being taped in other States, using staff from USDA's television division.

Their second oral history subject was Robert Rodale, "who has an international following as an organic farming guru," MacLean said.

She explained that for years Rodale has been sponsoring development of techniques for farming without chemicals. He also pioneered in publishing magazines and books on organic farming and gardening from his press in Emmaus, Pennsylvania. In the tape, he speaks of the growth of Rodale Press and of the Rodale Research Center, a non-profit



Jayne MacLean and Dr. James A. Duke watch the first showing of Duke's oral history interview with Jane Gates.
photo: J. Swab

AFSIC Oral Histories Available from NAL

Called "the offspring of history's most ancient technique and its most modern technology,"* oral history is simply one method of historical research. It is a method which has become increasingly popular during the past 30 years, offering the opportunity to combine the oral tradition with the usage ease of the tape recorder mechanism. When those two techniques are enhanced with the on-camera image of the person talking, the results can be unforgettable.

Results depend on the memory of the person being interviewed and the skills of the interviewer and cameraperson. Considerable advance preparation must be done, with organized planning as to site, date, and equipment, as well as clarification of expectations of the interview's purpose and scope.

In 1988 the Alternative Farming Systems Information Center at the National Agricultural Library began an occasional series of videotaped in-

terviews with persons acknowledged to have made substantial contributions to sustainable agriculture. To date, persons interviewed include Dr. James Duke, Dr. Charles A. Francis, Dr. Fred Kirschenmann, Dr. Paul F. O'Connell, Mr. Robert Rodale, and Dr. Wes Jackson, with all six interviews conducted by Jane Gates, of the Center. By continuing to record the memories and voices of those "movers and shakers" who are responsible for leadership in this field, the Center anticipates providing a unique record of a time of change in agriculture for future scholars, researchers, and historians.

Copies of the videotapes are retained in the collections of NAL and made available for loan to interested persons or organizations. Of the six interviews concluded as of this date, four videotapes are currently available from the National Agricultural Library's collection. The others are being processed and should be available soon. To borrow one, please contact your local land-grant university or public library and ask the librarian to request an interlibrary loan. USDA personnel may borrow oral histories either through the land-grant libraries or directly from NAL, Lending Branch.

(1) *Oral History Interview of Dr. James A. Duke* [Videorecording]. Videocassette no. 629. Beltsville, MD, USDA, 1988.

(2) *Oral History Interview of Mr. Robert Rodale* [Videorecording]. Videocassette no. 670. Beltsville, MD, USDA, 1989.

(3) *Oral History Interview of Dr. Wes Jackson* [Videorecording]. Videocassette no. 731. Beltsville, MD, USDA, 1990.

(4) *Oral History Interview of Dr. Paul F. O'Connell* [Videorecording]. Videocassette no. 732. Beltsville, MD, USDA, 1990.

For additional information contact:

Jayne T. MacLean, Coordinator
Alternative Farming Systems
Information Center
National Agricultural Library
10301 Baltimore Boulevard
Beltsville, MD 20705

Or call (301) 344-3719.

*Davis, Cullom, Kathryn Back & Kay MacLean. *Oral History : From Tape to Type*. Chicago, American Library Association. 1977. p 1.

—Jane Gates

organization that does research into sustainable or regenerative agriculture. He also explains how he came to his early beliefs in organic farming through his father's work during the 1930's and 1940's.

The third oral history interview was with Wes Jackson, founder and director of The Land Institute, a nonprofit educational research organization devoted to the study of sustainable alternatives in agriculture, energy, waste-management, and shelter, located on 188 acres near the Smoky Hill River, five miles south of Salina, Kansas.

In addition, Jackson is the author and editor of a number of noted publications. "A new edition of his most well-known book, *New Roots for Agriculture* (Lincoln, NE: University of Nebraska Press)," Gates said, "was published in 1985 with a foreword by the noted poet, and Jackson's friend, Wendell Berry." Other Jackson works include *Meeting the Expectations of the Land*, a book of readings on sustainable agriculture co-edited with Wen-



photo: J. Swab

Much planning and preparation are needed before an oral history interview can be videotaped. Here Dr. Paul O'Connell and Jane Gates are engaged in a last minute discussion before beginning.



photo courtesy of Rodale Press

Robert Rodale



photo courtesy of The Land Institute

Wes Jackson

dell Berry and Bruce Colman, and *Man and the Environment*, a collection of readings which has been widely adopted by college environmental survey courses.

The fourth person interviewed was Dr. Paul F. O'Connell, deputy administrator of USDA's Cooperative State Research Service, who directs various special projects and program systems and provides leadership for a national endeavor to find alternative opportunities for U.S. farmers. Major program areas are aquaculture, industrial crops, small-scale farming, and the Low-Input/Sustainable Agriculture (LISA) program.

"The LISA program," Gates said, "is a congressionally mandated program funding research and education projects in low-input and sustainable agriculture. It also provides funding for NAL's Alternative Farming Systems Information Center in support of the center's mission to supply information to farmers and others about sustainable, low-input, and alternative agriculture."

Dr. O'Connell has also served as Special Assistant to the Assistant Secretary for Science and Education and in leadership positions in the Forest Service and Economic Research Service.

The tapes of Rodale, Duke, O'Connell, and Jackson only recently became available, and reaction of potential users is already enthusiastic. Moreover, MacLean and Gates both believe that these tapes and others they intend to produce will benefit generations of farmers to come.

For information on borrowing the tapes, see the box on page 3. For additional information contact Jayne Maclean

at (301) 344-3724, or write to:

Jayne T. MacLean, Coordinator
Alternative Farming Systems Information Center
National Agricultural Library
10301 Baltimore Boulevard
Beltsville, Maryland 20705

Additional Sustainable Agriculture Oral-Histories

During an August 1990 National Conference on Sustainable Agriculture in Lincoln, Nebraska, Jane Gates and Jayne MacLean produced two additional oral history interviews on videotape. These and future videotapes will be reproduced and processed for inclusion in the NAL collections, and will be announced in *ALIN* as they become available for use or borrowing.

One was with Dr. Charles A. Francis of the University of Nebraska. He has long been an advocate of the trend to a more sustainable agriculture, and a prolific writer and spokesman, explaining the techniques to others and the systems concept which integrates the practices.

The other was with Dr. Frederick Kirshenmann, a keynote speaker at the conference, who is an organic grain farmer in Windsor, North Dakota. By writing, speaking, and success-

A History of Oral Histories at NAL

The National Agricultural Library first focused on oral histories as an original source of important information in agriculture in the early 1970's. Dr. Alan Fusonie, then as the Library's curator of Rare Books, organized a symposium at NAL on the subject of oral histories and their value to scholars and researchers and other users of libraries. Leaders in oral history from the major institutions in the Washington, D.C., area, the academic community, and USDA, participated in the symposium.

NAL decided in that same time period to acquire oral histories, provide bibliographic access in the AGRICOLA database (then called CAIN) which contains cataloging and indexing for more than 2.6 million books and articles relating to all aspects of agriculture, and add them to the collections. Subsequently, oral histories were acquired in the forms of printed publications, manuscripts (typescripts), microfilms or fiche, audio tapes, and more recently video tapes. For example, in the Spring of 1988 NAL announced that it had "already acquired over 800 agriculturally related audio tape interviews conducted primarily by the following institutions: the University of California, Davis; John F. Kennedy Library; the Oral History Research Office of Columbia University; Alice Lloyd College; Appalachian State University Archives; Texas A&M; USDA Soil Conservation Service; and the American Poultry Historical Society." The announcement went on

to say that NAL "will continue to seek out, acquire, and catalog this type of interview, preferably in video tape."

The main purpose of the April 1988 announcement was to describe NAL's program to videotape oral histories at the Library, or in cooperation with other institutions or associations. The program was designed to conduct videotaped oral history interviews with outstanding scientists and leaders in agriculture whose research or other activities have made a significant contribution to American agriculture and to utilize the expertise, skills, and advice of scientists, specialists, and professional organizations in determining who should be interviewed, who should do the interviewing, and important contributions to agricultural history which should be documented in this manner.

Oral Histories Videotaped by NAL

Among the persons interviewed and videotaped by NAL staff have been Dr. John Davis, Dr. Ray Goldberg, and Dr. Kenneth Naden.

Dr. John Davis was the architect of the agribusiness concept in American agriculture. He set up the first graduate program in agriculture business at Harvard University. He was Assistant Secretary of Agriculture under Ezra Taft Benson during the Eisenhower administration. The late Dr. Davis was interviewed in his home in Washington, D.C., on March 10, 1987.

Dr. Ray Goldberg, Professor of the Moffett Program in Agriculture and Business in the Harvard Business School, was interviewed March 17, 1989, at the Baker Library, Harvard. In addition to Dr. Goldberg's career, the interview focused on the 35-year-

old Moffett program, and on Dr. John Davis.

Dr. Kenneth Naden was President of the National Council of Farmer Cooperatives for more than 20 years from the early 1960's to the mid-1980's. He is a leader in American farming and a principal advocate to Congress and recent administrations.

Among planned interviews is one with Dr. Percy A. Wells, a member of the 1938-39 committee which recommended the regional research centers of the Agricultural Research Service (ARS), and the first director of what is now the Eastern Regional Research Center of ARS in Philadelphia, PA.

Opportunities to Participate in the NAL Program

NAL would like to do more to strengthen its collections in the field of oral history, and to do so seeks the help of individuals or professional organizations to serve as important sources for expertise and advice. They will be relied upon to:

- Identify the outstanding leaders in their fields whose knowledge and experience should be recorded for future study.
- Suggest an outline of subjects that should be discussed in the videotape interview.
- Identify the person who should be responsible for conducting the videotape interview.

Persons interested in pursuing these opportunities, please contact:

*Dr. Alan Fusonie
Head, Special Collections
National Agricultural
Library, Room 1402
10301 Baltimore Boulevard
Beltsville, Maryland 20705.*

Or call: (301) 344-3876.

—Joseph N. Swab

ful example, he shows farmers that lower external inputs, combined with smart farm management practices, can yield a profit without exhausting natural resources. He points out that alternative farming systems do not stop at the farm gate, but must be supported by social and economic policies that allow them to flourish.

— Jayne MacLean





Paul F. O'Connell

USDA photo



photo: J. Swab

The oral history interview of Dr. Paul F. O'Connell by Jane Gates progresses towards conclusion.

and Collector, was related to her recent biography of Schomburg. Published jointly in 1989 by the New York Public Library and Wayne State University Press, it is based on her own investigation of historical details and extensive interviews to document the life and work of a man who never swayed from his loyalty to the cause of freedom, equality, and justice for blacks.

Dr. Sinnette, a graduate of Columbia University School of Library Service, has published in the areas of library science and black history, has taught librarians from Harlem to Nigeria and Kenya, has served as a consultant to UNESCO, and is actively involved in promoting academic and other scholarly uses of oral history while continuing her own research on black bibliophiles.

In addition to the keynote address the program divisions were devoted to:

OHMAR Oral History Meeting at NAL: Features Black History Keynote

OHMAR, Oral History in the Mid-Atlantic Region, held its 1990 Spring Meeting at the National Agricultural Library. Dr. Alan Fusonie, Head of Special Collections at NAL and a historian himself, was host for a program put together by Terri Schorzman, Program Manager, Smithsonian Videohistory Program. The audience filled NAL's main conference room.

The Keynote Address was given by Dr. Elinor Des Verney Sinnette, Chief Librarian, Moorland-Spingarn Center, Howard University. Her address, entitled *Documenting Black History for "Skeptic, Scholar, and Schoolchild: the Role of Arthur Alfonso Schomburg, Black Bibliophile*



photo: J. Swab

Speakers and panel members at the OHMAR program at NAL: (L-R) Chuck Hill, Fern Ingersoll, John Vernon, Debbie Reid, Joan Mathys, Mike Everman, Elinor Sinnette, Pamela Henson, Mimi Minnick, Joel Gardner, Terri Shorzman, Stacey Flaherty (with daughter, Julia), and Alan Fusonie.

- Welcoming Remarks by Michael Everman, American Alliance for Health, Physical Education, Recreation, and Dance; John Vernon, National Archives and Records Administration; Alan Fusonie, NAL.
- Designing an Oral History Project: "Advertising History: An Oral History Approach," Stacy Flaherty, National Museum of American History; "The Woman in Journalism Oral History Project," Fern Ingwersoll, Washington Press Club Foundation; "Establishing a Culturally Relevant Oral History Program on the Rosebud Sioux Reservation," Chuck Hill, Project Hope Archives.
- Preparing Oral History Materials for Public Access: "After the Interview: Making Your Tapes Accessible," Pamela Henson, Smithsonian Institution; "Organizing and Preserving Oral History Collections," Mimi Minnick, National Museum of American History; "Talk Ain't Cheap: How to Get a Perfect Transcript," Deborah Reid, Techni-Type; "On Cue: Access to Video Materials," Joan M. Mathys, Smithsonian Institution.
- Open Discussion: Issues, Ethics and Standards, with Brien Williams, Independent Producer; Joel Gardner, Gardner Associates; and Linda Gordon Kuzmack, National Holocaust Museum; and audience participation.
- Tour of NAL Special Collections and Laser Disk Demonstration by Ronald B. Young, NAL.
- OHMAR Business Meeting and a catered lunch.

— Joseph N. Swab



Dr. Elinor Sinnott presents a copy of her book, *Arthur Alfonso Schomburg, Black Bibliophile and Collector*, to Alan Fusonie for the NAL collection.
(photo: J. Swab)



photo:

Jayne MacLean, Paul F. O'Connell, and Jane Gates complete their oral history videotaping session; the tape, along with others completed in the series, is now available for use at NAL or borrowing.

Oberly Award for Bibliography in the Agricultural Sciences Call for Nominations

The Eunice Rockwood Oberly Memorial Award was established in 1923 to give national recognition to bibliographic scholarship in the field of agricultural or related sciences.

The Oberly Award is given in odd-numbered years to the authors of an outstanding English-language bibliography in the field of agriculture or one of the related sciences. The bibliographies are judged on accuracy, scope, format, arrangement, indexes, and text. To be eligible for the 1991 award, a bibliography must have been published in 1989 or 1990.

The award, which is administered by the Oberly Award Committee (Science and Technology Section, Association of College and Research Libraries, American Library Association-ALA) will be presented at the 1991 annual ALA meeting in Atlanta. The award for 1991 consists of a preservation framed certificate honoring each author.

Eunice Rockwood Oberly, librarian from 1908 to 1921 of the Bureau of Plant Industry, United States Department of Agriculture, is honored by this award, which was made possible by a fund established by her colleagues. Recent contributors to the fund include the Associates of the National Agricultural Library and the Council on Botanical and Horticultural Libraries.

Nomination letters are due by January 1, 1991, to Alena Chadwick, Chair, Oberly Committee, Biological Sciences Library, 214 Morrill Science Center-South, University of Massachusetts, Amherst, MA 01003 [Telephone: (413) 545-2674]. If possible, please include a copy of the nominated bibliography.



NAL Director Elected President of IAALD



USDA photo

Joseph H. Howard

Joseph H. Howard, Director of the National Agricultural Library, was elected President of the International Association of Agricultural Information Specialists, known as IAALD, at the organization's World Congress held this summer in Budapest, Hungary. Mr. Howard will serve as IAALD President for a five-year term.

IAALD, formerly known as the International Association of Agricultural Librarians and Documentalists, is a 700-member body of agricultural information specialists representing over 80 countries. It was established in 1955 and has as its objective the promotion and advancement of public education and information transfer in agricultural development and production. This is accomplished through international cooperation among IAALD members.

In assuming his new IAALD position, Mr. Howard said, "I am truly honored, but I feel that being elected IAALD President is more a worldwide recognition of the National Agricultural Library than of me as an individual. However, having NAL recognized in such a manner makes me equally

proud. All of us at NAL share in this honor."

Prior to being named NAL director in 1983, Mr. Howard served as Assistant Librarian for Processing Services at the Library of Congress. During his career he also has been the chief of the Cataloging Department of the Washington University Libraries in St. Louis and Associate Director of Public Services for the University of Colorado Libraries.

From 1963 until 1965 Mr. Howard was a Peace Corps volunteer at the University of Malaya Library and Malayan Teachers College. A native of Olustee, Oklahoma, he received bachelors and masters degrees from the University of Oklahoma. In 1979 he was awarded the University of Oklahoma Library School Alumni Award for Outstanding Contributions to Librarianship; in 1985, the Melvil Dewey Medal from the American Library Association for creative professional achievement in librarianship; and in 1988 he received the U.S. Department of Agriculture Superior Service Award for his leadership in the development, application and transfer of advanced information technologies.

— Brian Norris

NAL Seeks Interns for World Serials Project

The National Agricultural Library is seeking professional librarians as interns to work on a special agricultural project. The length of the assignment will be from six weeks to one year.

The persons selected for the internships will assist in researching and compiling *The World List of Agricultural Serials*, a joint effort between NAL and CAB International to develop a comprehensive list of over 50,000 agriculturally related serials from throughout the world. The positions are at NAL in Beltsville, Maryland. NAL will provide training, office space and the necessary equipment for the interns. However, those persons will need to provide their own living expenses.

"These internships offer a professionally challenging opportunity for librarians interested in learning more about NAL and its programs," said Dr. Sarah Thomas, NAL's Associate Director for Technical Services. Specifically, Thomas said interns will gain experience working with NAL's computer technology as well as NAL's computer research projects such as hypermedia databases, interactive video, and text digitizing. "Contributing to *The World List of Agricultural Serials*, which NAL will produce on CD-ROM, should be particularly rewarding to the professional librarian," Thomas said.

"Once completed, *The World List* will serve as a verification source for document delivery, a reference aid for selection, and as a tool for eliminating unnecessary duplication in indexing coverage," she said.

The interns will verify and add titles to *The World List* and will concentrate in areas that will use specific expertise in particular subjects and languages.

"NAL internships are an excellent experience for librarians on sabbatical or for foreign librarians interested in visiting the United States," Thomas said. "Recently at NAL, a librarian from the People's Republic of China and a

Louisiana State University librarian were interns working on various agriculturally related projects. They were delighted with the experienced they gained."

For more information contact:

*Dr. Sarah E. Thomas
Associate Director for Technical Services
National Agricultural Library
10301 Baltimore Boulevard, Room 100
Beltsville, Maryland 20705*

— Brian Norris

Volunteers Needed for NAL Laser Disk Project

The National Agricultural Library is seeking volunteers to help produce a laser disk of 7,000 botanical illustrations from the Pomological Watercolor Art Collection of the U.S. Department of Agriculture (USDA).

"We need volunteers to photograph images and create bibliographic records for this unique and valuable collection," said Joseph H. Howard, NAL Director. "The creation of the laser disk and a corresponding database finding aid will allow widespread use and study of this important collection and will aid in the preservation of the original watercolors, some of which are on acid paper."

Howard said NAL staff will provide the required training and technical assistance to the volunteers. Hours and days are flexible, from Monday-Friday between 8:00 a.m. and 4:30 p.m. Possible academic credits for library students may be available.

Interested persons should contact:

*Dr. Alan Fusonie, Head
Special Collections, 14th Floor
National Agricultural Library
10301 Baltimore Boulevard
Beltsville, Maryland 20705*

Or call: (301) 344-3876

— Brian Norris

Library Trends Addresses Agricultural Library Issues

The Winter 1990 issue of *Library Trends* will be of interest to any person or organization working in the area of agricultural information, or in agriculture in general for that matter. This issue deals with the critically important question of how to preserve agricultural knowledge while making it readily available to those who need it. Its selection of materials by authors with varying perspectives will be particularly interesting to agricultural librarians.

Superbly edited by Keith W. Russell and Maria G. Pisa of the National Agricultural Library and published by the Graduate School of Library and Information Science of the University of Illinois, the winter 1990 *Library Trends* is devoted to "Agricultural Libraries and Information."

From the "History and Characteristics of Agricultural Libraries and Information in the United States" by Beth M. Paskoff to "Agricultural Information in Developing Countries" by Susan C. Harris to "The Future of World Agricultural Information Networks" by Martha B. Stone, this issue of *Library Trends* gives the reader a complete and thoughtful series of essays, articles, and papers on issues effecting the management, protection, and availability of the world's treasure trove of agricultural information.

In the introduction, editors Russell and Pisa state "this *Library Trends* issue attempts to find a common ground by covering a full range of topics on agricultural libraries and information services worldwide. It reflects the state of the art, identifies future trends and directions, and relates the present and future to the past."

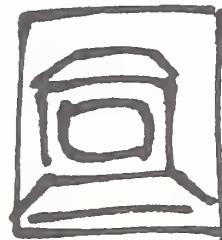
The editors can rest assured that this issue more than "attempts," it has found that common ground. All involved with this publication — authors, editors and publishers — are to be commended for their efforts. *Library Trends — Agricultural Libraries and Information* offers important insights to those concerned with the hows, whys and wherefores of agricultural information.

Copies are available for \$15 each by contacting:

*Journal Subscriptions
University of Illinois Press
54 East Gregory Drive
Champaign, Illinois 61820*

Library Trends is a quarterly journal which "explores critical trends in professional librarianship."

— Brian Norris



AGRICOLA

BioSciences Library, UC (Berkeley) and NAL Cooperate to Enhance AGRICOLA

The BioSciences Library, University of California (Berkeley) and the National Agricultural Library began a dialogue last November to enhance AGRICOLA by utilizing the indexing of 14 California state agricultural publications by staff of the BioSciences Library. The publications included in the project are:

*Agronomy Progress Report**
*California Agriculture**
California Plant Pathology (Cooperative Extension)
Drylander

(See Indexing/AGRICOLA, p. 11, col. 1)

USAIN Meeting, November 7-9, 1990

University of Illinois

Wednesday, November 7

8:30 a.m.-12 noon

Registration

9:00-10:00 a.m.

Coffee and light refreshments

9:30 a.m.-12 noon

Technology Exhibits (OCLC, Silver Platter, Census of Agriculture, etc.)

or

Campus Tours

10:30 a.m.-12 noon

USAIN Executive Council Meeting

12:00-2:00 p.m.

Luncheon with Keynote Speaker
Mr. Bob Bergland, Former
Secretary of Agriculture and Present Executive Vice President of the National Rural Electric Association

2:00-4:00 p.m.

Agricultural Information and the Future: Collaborative Planning and Consensus Building

The agricultural information system faces complex issues as it develops a future plan for improving worldwide access to information. A recent issue of Library Trends devoted to "Agricultural Libraries and Information" documents these issues, describes recent changes, identifies challenges, presents divergent views, and suggests future options. It is generally agreed that worldwide collaboration, involving more than just librarians and information specialists, is essential in formulating a future plan.

Speakers from the private sector, university administration, library education and the computer world will be invited to present their perspectives on the critical issues

faced by the agricultural information community. Presentations and ensuing discussions will include such topics as: What changes are desirable? What strategies should be employed? Who are the players and allies in managing change, and what roles should they play? How can organizational linkages be strengthened to enhance international cooperation, communication, and coordination between participants in the information network? What are logical next steps?

4:00-4:30 p.m.

Break

4:30-6:00 p.m.

USAIN Committee Meetings and Interest Group Discussions.

Standing Committees include Legislation & Government, Telecommunications & Networking, Program Planning, and Membership. Interest Groups are Document Delivery, Collection Management, AGRICOLA, Cataloging, and Rural Information. Meetings and discussions are open to all USAIN members.

6:00-7:30 p.m.

Cocktail Reception, Technology Exhibits

Meet Reg Gomez, Dean of the College of Agriculture, and David Bishop, University Librarian

Dinner on Your Own

Thursday, November 8

8:30-10:00 a.m.

USAIN Business Meeting (including NAL update and IAALD report)

10:00-10:30 a.m.

Break/Coffee – Light snacks

Technology Exhibits

10:30-11:15 a.m.

Cornell's Mann Library Numerical Agricultural Information Project –

These are statistical files searchable in an online interactive mode. Contains such information as USDA Crop Estimates, Toxic Release Inventory, and the National Resources Inventory.

Speaker: Marijo Wilson, Cataloger, Mann Library

11:15 a.m.-12 Noon

Text Digitizing Project – Update

Speaker: Nancy Eaton, Director of Libraries, Iowa State University

Noon-1:30 p.m.

Lunch on your own

1:30-2:45 p.m.

The Reference Process in Four Corporate Agricultural Libraries: A Subject Approach

Moderator: Rue Olson – Illinois Farm Bureau

Panel: Diana Polk, Deere & Company – Agricultural Engineering; Sue Schultz, American Farm Bureau Federation – Agricultural Economics; Julia Peterson, Cargill – International Agricultural Data; and Dick Wallace, A.E. Staley – Agricultural Processing

2:45-3:00 p.m. **Break**

3:00-4:30 p.m.

Extension Service Information Resources – WEDS

(Whole Earth Decision System) Developed by the Extension Service. Provides farmers with access to vast databanks of agricultural information. Uses video, online databases, and CD-ROMs.

Speaker: Renee Deter, Clemson University.

USAIN Meeting, November 7-9, 1990

University of Illinois

CD-ROM Sampler – An Ag Extension Reference Library

Agricultural extension information from 48 states – 12,000 documents, 1500 graphics, 50 computer programs, 14 minutes of audio. Examples of information include: USDA National Initiatives – alternative agriculture, youth at risk, revitalizing rural America, regional ag information on pests, livestock, crops, etc. Demonstration and talk by Dr. Robert Rubinyi, University of Minnesota Extension Service

4:30-5:15 p.m.

Water Quality in Agriculture

Speaker: Bill Simmons, Assistant Professor of Soil and Water Management, Department of Agronomy, University of Illinois

5:30-7:00 p.m.

Cocktail Reception and Technology Exhibits

Dinner on Your Own

Friday, November 9

9:00-9:45 a.m.

Food Safety in the 1990s – Speaker to be announced

9:45-10:00 a.m.

Wrap Up Remarks

10:00-10:30 a.m.

Coffee Break

10:30 a.m.-4:30 p.m.

Advanced AGRICOLA Training or Advanced CAB Training

REGISTRATION INFORMATION

Registration Fee:

\$100 for USAIN members

\$115 for nonmembers (includes membership fee)

For registration information:

Write or FAX, Carol Boast, Director, Agriculture Library, 1301 West Gregory Drive, University of Illinois,

Urbana, IL 61801. FAX (217) 244-0398 or call Kay Norman, Local Arrangements Secretary (217) 244-5802. Attendance is limited to 200. Registration deadline October 26th.

Hotel Information:

Rooms have been blocked at two hotels which are 5-8 blocks from the conference site, the Levis Faculty Center. A shuttle bus will be run between the two hotels and Levis. Reservations should be made directly with the hotel by October 6. Be sure to mention that you are with USAIN. University Inn (In Illinois: 800-252-1368; Others: 800-322-8282); Illini Union: (217-333-1241).

Local tours:

Organized tours will be available of the University of Illinois Agriculture Library, the Agriculture Bibliographical Analysis Project, the Beckman Library and Institute, the University of Illinois Main Library, and the World Heritage Museum.

(Indexing/AGRICOLA, from p. 9)

Environmental Toxicology Newsletter

Forage and Seed Facts

Giannini Foundation Special Report

Leaflet (University of California, Division of Agriculture and Natural Resources)*

Nutrition Perspectives

Range Science Report

Small Farm News

Soil and Water (Cooperative Extension)

Today's Consumer

Urban Horticulture

These records will contain descriptors from the *CAB Thesaurus* and AGRICOLA Subject Category Codes. The BioSciences Library will begin sending records to NAL in late summer. NAL looks forward to this joint project and the wider dissemination of agricultural information.

– Shirley Edwards

NAL Sponsors Workshops on Agricultural Databases

The National Agricultural Library has released its fiscal year 1991 schedule of training courses for its AGRICOLA database and for USDA's Current Research Information System (CRIS).

AGRICOLA, which stands for *AGRIcultural OnLine Access*, is a computer database containing bibliographic records of agricultural literature from throughout the world. Most of this literature is available at the Library. NAL is offering Basic (three days) and Advanced (one day) AGRICOLA workshops.

Currently, NAL receives three of these publications which are indicated by an asterisk in the above list. Anticipating the need for document delivery, NAL's Acquisitions & Serials Branch has taken steps to acquire the remaining 10. Once received by NAL, the Cataloging Branch will place high priority on processing them. Shirley Edwards, Head of NAL's Indexing Branch, and Norma Kobzina, Head of Information Services at the BioSciences Library, met in July to discuss indexing policies and theory and to establish procedures for receipt of indexing records.

CRIS is the computer-based documentation and reporting system of USDA for ongoing publicly supported agricultural and forestry research in the United States. The CRIS workshop lasts for one day and participants should have experience in online retrieval.

The workshops are free to USDA and state land-grant personnel and to employees of other federal, state and local government agencies. Other participants pay tuition of \$150 for three-day workshops and \$50 for one-day workshops.

Workshops are held at NAL, 10301 Baltimore Boulevard in Beltsville, Maryland, or at the D.C. Reference Center located at USDA, 14th and Independence, Washington, DC.

More information on these workshops is available by contacting:

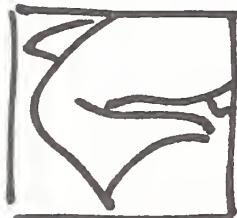
*Educational Programs Unit
National Agricultural Library,
Room 111
10301 Baltimore Boulevard
Beltsville, Maryland 20705
Telephone: (301) 344-1204
(AGRICOLA) or (301) 344-3850 (CRIS).*

For Workshop Schedule see box at right.

— Susan Fugate

AGRICOLA / CRIS Workshop Schedule

Workshop	Dates	Location
AGRICOLA, Basic	Oct. 1-3, 1990	Washington, D.C.
CRIS	Oct. 4	
AGRICOLA, Advanced	Oct. 5	
AGRICOLA, Basic	Nov. 26-28	NAL, Beltsville
CRIS	Nov. 29	
AGRICOLA, Advanced	Nov. 30	
AGRICOLA, Basic	Jan. 28-30, 1991	NAL, Beltsville
CRIS	Jan. 31	
AGRICOLA, Advanced	Feb. 1	
AGRICOLA, Basic	Mar. 11-13	Washington, D.C.
CRIS	Mar. 14	
AGRICOLA, Advanced	Mar. 15	
AGRICOLA, Basic	April 8-10	Washington, D.C.
CRIS	April 11	
AGRICOLA, Advanced	April 12	
AGRICOLA, Basic	May 20-22	NAL, Beltsville
CRIS	May 23	
AGRICOLA, Advanced	May 24	
AGRICOLA, Basic	July 15-17	NAL, Beltsville
CRIS	July 18	
AGRICOLA, Advanced	July 19	
AGRICOLA, Basic	Sept. 16-18	Washington, D.C.
CRIS	Sept. 19	
AGRICOLA, Advanced	Sept. 20	



Aquaculture

New Version of REGIS Aquaculture System Available from NAL

The second generation of a computerized information project on African aquaculture, called "REGIS II," has been completed by the National Agricultural Library, the National Oceanic and Atmospheric Administration (NOAA), and the Food and Agriculture Organization (FAO) of the United Nations.

REGIS II (for *REGional Information System for African*

Aquaculture II) is computer software with a hypermedia-based intelligence that gives quick and easy access to information on African aquaculture. Hypermedia allows users of the REGIS II system to browse rapidly through text non-linearly and to gain explanations of unfamiliar terms on a computer screen simply by pressing a key.

Deborah Hanfman, the NAL REGIS II project manager and coordinator of NAL's Aquaculture Information Center, said REGIS II and its predecessor, the original REGIS, were developed to encourage developing African nations to cultivate aquaculture as a source of food and as a commercial revenue-generating enterprise.

"REGIS and REGIS II are simple-to-use computer systems that describe, step-by-step with diagrams, pictures and easy-to-follow text, aquaculture in the African region," Hanfman said. "The agencies involved in developing REGIS believe these projects can help tremendously in bringing together comprehensive information on a high-interest subject. This information will allow better agricultural decision making in the region and will help enrich African countries' industrial bases and standards of living."

The core of information in REGIS II is the full text of *A Regional Survey of the Aquaculture Sector in Africa, South of*

the Sahara. The survey was done by the Aquaculture Development and Coordination Programme, a joint project of FAO and the United Nations Development Programme.

One of the first of a new breed of computer "expert systems" being developed in the world, REGIS II advises users on both small-scale and commercial aquaculture projects. REGIS II text and graphics can be accessed through a table of contents, by individual country name, or by species of fish.

"REGIS II is a more powerful version of the original REGIS," said Joseph Howard, NAL Director. "REGIS II offers greater information online and allows key-word searching. I am proud that NAL has taken such an instrumental role in the development of hypermedia and expert systems. Our people are on the cutting edge of this technology."

REGIS II requires an IBM-compatible computer with hard-disk storage capacity of 3.0 Megabytes, 640K memory, EGA or VGA graphics capability, and optional CD-ROM drive and modem for access to certain databases. A computer mouse is optional equipment.

A limited supply of REGIS II is available from NAL. Please send a self-addressed label with the request to:

*Aquaculture Information Center
Attn: REGIS II, Room 304
National Agricultural Library
10301 Baltimore Boulevard
Beltsville, Maryland 20705*

For additional information call the Aquaculture Information Center: (301) 344-3704.

— Brian Norris

AIC Produces a New Bibliography Series

The Aquaculture Information Center (AIC) has begun a new series of ready-reference publications similar to the *Quick Bibliography* series. They are based on computer searches of high interest topics, but include both the AGRICOLA and ASFA (Aquatic Sciences and Fisheries Abstracts) databases. AGRICOLA consists of literature citations, in computerized format, related to all aspects of agriculture. The AFSA database covers fisheries and aquaculture subjects, specifically.

The inclusion of aquaculture in both databases results from a 1985 international aquaculture effort between NAL and the National Oceanic and Atmospheric Administration (NOAA). This agreement avoids duplication of efforts and brings together documents on aquaculture from both the United States and the international aquaculture community.

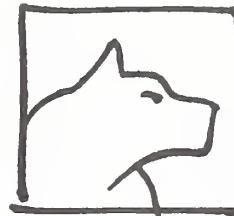
Deborah Hanfman, AIC Coordinator, says, "This new AIC publication series represents a major breakthrough for our center since the majority of non-USDA-type aquaculture materials are indexed in the ASFA database. Since we now tap into both AGRICOLA and ASFA, our bibliographies on aquaculture are much more comprehensive."

"The exciting aspect of this series for us," Hanfman continues, "is that we can produce these bibliographies in-house with a one-day turnaround time. The publications are short. They are compiled as a result of public interest in the topics or in support of upcoming aquaculture conferences."

Bibliographies currently available cover "Aquaculture and Biotechnology," "Paddlefish," "Watercress," "Sturgeons," and "Eels." The publications are identified as *AIC Series*, #1-5, respectively, and are available free of charge by sending a mailing label with a request to:

*Aquaculture Information Center
National Agricultural Library
10301 Baltimore Boulevard, Room 304
Beltsville, Maryland 20705*

— Brian Norris



Animal Welfare

NAL Publishes Animal Research Manual

A manual providing basic knowledge on the use and handling of laboratory animals has been produced by the University of Illinois at Chicago under a cooperative agreement with the Animal Welfare Information Center (AWIC) of the National Agricultural Library.

Essentials for Animal Research: A Primer for Research Personnel was written by veterinarians and veterinary professors at the University of Illinois at Chicago and is based on a graduate-level course at the University. The course, also called "Essentials for Animal Research," seeks to teach students their responsibilities when using animals in research. The authors, all of whom are on the University staff, are B. T. Bennett; M. J. Brown (this fall, Dr. Brown will become the director of Laboratory Animal Care at Dartmouth University); and J. C. Schofield.

In addition to creating an awareness in researchers of the responsibilities they assume when using laboratory animals, the authors say, the manual also provides a "basic understanding of the regulatory process and the means by which compliance (to animal welfare laws) can be assured...and an understanding of the basic principles of controlling pain and distress (in laboratory animals)..."

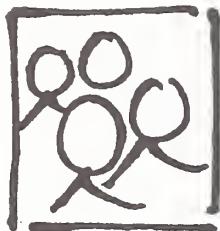
Quantities of up to five copies of the manual are available from:

*Animal Welfare Information Center
National Agricultural Library
10301 Baltimore Boulevard
Beltsville, Maryland 20705*

More than five copies can be obtained, at the rate of \$4.00 per copy (prepaid), by contacting:

*American Association of Laboratory Animal Science (AALAS)
70 Timber Creek Drive, Suite 5
Memphis, TN 38018*

— Brian Norris



Staff Update

Facinoli Heads FNIC



photo: J. Swab

Sandra Facinoli

The National Agricultural Library has selected Sandra Facinoli to be the Coordinator of the Library's Food and Nutrition Information Center (FNIC).

The center is one of 15 information centers established and maintained by NAL to provide information on critically important agricultural issues. FNIC is a source for a comprehensive collection of food and human nutrition materials including books, audio-visual materials, reports, journals, and

computer software. FNIC users range from the general public to teachers, professors and researchers, food service managers, and elected officials.

Since 1988, Ms. Facinoli has been Coordinator of NAL's Youth Development Information Center (YDIC). She will continue to manage YDIC, in addition to assuming her FNIC duties, until a new YDIC Coordinator is named.

In announcing the appointment, Joseph H. Howard, NAL Director, said, "We are delighted that Sandy is moving into this important position. She has proven herself to be an excellent administrator and I am confident she will continue her outstanding efforts with our Food and Nutrition Information Center."

Prior to joining NAL Facinoli was a County Extension Director and Home Economist with the University of Maryland Cooperative Extension Service. She has a Masters degree in Nutrition Education from Hood College in Frederick, MD, and a B.A. degree in Home Economics Education from Shepherd College in Shepherdstown, West Virginia.

A native of Maryland, Facinoli taught food and nutrition to middle and high school students in the state for five years, worked as a consultant to the American Home Economics Association and operated a photography business with her husband in Rehoboth Beach, Delaware.

— Brian Norris

He Interns at RIC

He Shaoyi joined the Rural Information Center (RIC) staff at NAL on May 21 as a three-month intern. After August 17 he returned to Clarion University of Pennsylvania where he is a graduate student completing his M.L.S. in December 1990. The internship program is a cooperative program between RIC and Clarion University.

Among the accomplishments of Mr. He during his internship were the compilation of draft bibliographies on the economic value of wetlands and rural development revitalization, which will be published in the future by RIC. He also worked at the NAL reference desk three times per week, where he helped with searches, requests for publications, and answering questions. In addition Mr. He gave a well-received presentation on Chinese calligraphy as a part of NAL's on-going series of programs on cultural heritage.

Mr. He is a graduate of Hunan Normal University, Changsha, China, where he majored in English language and literature. In 1982, Mr. He earned an M.A. in linguistics at Lanzhou University, Lanzhou, China. Thereafter, he worked for four years as a teacher of English as a second language at the Beijing 2nd Foreign Language Institute. In 1986, he came to the United States to study linguistics at the University of California, San Diego, where he earned an M.A. in March 1989. After completing his M.L.S., Mr. He expects to continue graduate study working for the Ph.D. in library and information science.

Mr. He's wife, Chen Yeqing, and son, Kevin, aged 2, who was born in San Diego, are also living at Clarion. Ms. Chen was an ophthalmologist in Beijing, and is now studying for an M.S. in biology at Clarion University. Mr. He, speaking in appreciation of his wife's support which enabled him to work at NAL, said, "It was very hard for me to have been separated from my family for three months, yet I have managed it. I have accomplished my objectives and gained valuable experience important for my future." He spoke of his gratitude to people at Clarion University and NAL for the "wonderful opportunity" of the internship and the experience of working with NAL staff. He and his family hope to return to China some day when the time is right for them to return.

— Joseph N. Swab



photo: B. Norris

He Shaoyi

Kuske Interns at NAL



photo:

Jodee L Kuske

Jodee L. Kuske, a Reference Librarian from Montana State University, has just completed a three-month internship, beginning June 4, in the Public Services Division of the National Agricultural Library. The focus of Ms. Kuske's work was in the Water Quality Information Center, where she developed several publications for NAL's *Quick Bibliography and Search Tips Series*. She also spent some time reviewing the literature on technology transfer.

Speaking of the internship program, Keith Russell, Associate Director for Public Services, said, "This is a prototype internship for recent graduates of library schools who have agricultural or related science backgrounds and staff from land-grant universities who can benefit from time at NAL. Jodee fits both cases, and besides the benefit to Jodee, all three institutions—Montana State, University of Arizona, and NAL—benefit."

Ms. Kuske joined the Montana State University (MSU) staff in January 1990, and is concentrating her reference work in agricultural subjects. She graduated from the University of Arizona (UAZ) with a Master of Library Science in December of 1989. She completed her B.S. with a major in agricultural education at MSU in 1985. She expects to continue graduate study in the area of technology transfer.

Prior to earning her M.L.S., Ms. Kuske, was director of the Osceola Public Library in Osceola, Wisconsin, from November 1987 to July 1988, worked as a school librarian during 1986 at Butte, Montana, and while a graduate student, worked in the Science-Engineering Library at UAZ. Among her many interests are dancing, and outdoor activities including hunting, fishing, and riding horses, which she enjoys in "beautiful" Montana where she's "glad to be working again."

When asked about her work at NAL, Ms. Kuske said, "I hope to gain experience to further my career. This has already shown up through publishing, networking, and doing a literature review for my degree program."

—Joseph N. Swab



photos courtesy of V. Shen

Among the activities sponsored by the National Agricultural Library for visiting scholars, interns, and other long-term visitors working in effect as part of the NAL staff, are orientation visits to the other two national libraries.

(Above) Verna Shen of NAL's Cataloging Branch (2nd from right), leads a visit to the National Library of Medicine (NLM). With her are (L-R) Xu Xinhua, visiting scholar at NAL from the Southwest Agricultural University, Chongqing, Sichuan, China; Chiao Hong-Jun, visiting scientist at the ARS Fruit Laboratory from the Department of Horticulture, Guangxi Agr., Nanjing Province, China; Margaret Feng, Chinese Cataloger at NLM, and hosting this group; Yang Wu, visiting scholar at NAL from the Beijing Agricultural University Library, Beijing, China; Ms. Shen; and He Shaoyi, a graduate student intern at NAL's Rural Information Center from the College of Library Science, Clarion University of Pennsylvania.

(Below) The same group attends a demonstration of an archive of photographs on optical disk at the Library of Congress (LC). Mary Ison, Head, Reference Section, Prints and Photographs Division (at the terminal), provides the demonstration. Verna Shen (standing) also led this tour. Among other highlights of the tour of LC was a visit to the Far East Division, shown on the last page of this issue of ALIN.



New Bibliographies

The bibliographies in the *Quick Bibliography* series are primarily computerized online as batch bibliographies emanating from searches performed by the NAL Public Services Division Staff in response to customer requests. Searches are selected for inclusion based on the currency of the topic, interest among clientele, and probable value to a larger audience. Since October 1988, all *QB's* include search strategies. Unless otherwise specified, citations are from AGRICOLA.

The other bibliographic series, including *Special Reference Briefs*, have been researched and produced to meet special needs of clientele of the Library and its Information Centers. Revisions or updates will be announced when produced. Only one copy of a requested title will be sent; however, requesters may make copies. To request a copy of a *Quick Bibliography*, *Special Reference Brief*, or other bibliographic work, circle the desired title(s) below and send your request with a self-addressed label to:

Reference Branch, Room 111
National Agricultural Library
Beltsville, MD 20705

Quick Bibliographies

Q.B.-90-56. Global Warming and the Greenhouse Effect, January 1979-February 1990. 338 citations; languages: None excluded. Prepared by Jayne T. MacLean. June 1990. Updates 89-96.

Q.B.-90-57. Societal Impacts of Adoption of Alternative Agricultural Practices, January 1979-April 1990. 164 citations; languages: None excluded. Prepared by Jayne T. MacLean. June 1990.

Q.B.-90-58. Catfish Diseases and Control, January 1979-April 1990. 74 citations; languages: None excluded. Prepared by Deborah T. Hansman. June 1990. Updates 89-49.

Q.B.-90-59. Childhood Obesity and Cardiovascular Disease, January 1985-May 1990. 212 citations; languages: None excluded. Prepared by Natalie A. Updegrove. June 1990. Updates SRB 88-05 and 88-06.

Q.B.-90-60. Greenhouse Crop Production, January 1987-April 1990. 237 citations; languages: English only. Prepared by Henry Gilbert. June 1990. Updates 88-49.

Q.B.-90-61. Dryland Farming, January 1983-April 1990. 256 citations; languages: None excluded. Prepared by Henry Gilbert. June 1990. Updates 88-65.

Q.B.-90-62. Groundwater Contamination, January 1988-April 1990. 343 citations; languages: English only. Prepared by Henry Gilbert. June 1990. Updates 88-64.

Q.B.-90-63. Earthworms in Agriculture, January 1985-April 1990. 206 citations; languages: English only. Prepared by Jerry Rafats. July 1990. Updates 88-77.

Q.B.-90-64. Wastewater Irrigation, January 1987-April 1990. 110 citations; languages: None excluded. Prepared by Karl Schneider. August 1990. Updates 88-55.

Q.B.-90-65. Urban Forestry, January 1987-April 1990. 307 citations; languages: English only. Prepared by Jane Potter Gates. August 1990. Updates 88-06.

Q.B.-90-66. Post-Harvest Handling of Flowers, January 1979-April 1990. 256 citations; languages: None excluded. Prepared by Jane Potter Gates. August 1990. Updates 88-16.

Q.B.-90-67. Soil Fertility Studies Prior to 1895, January 1979-April 1990. 289 citations; languages: None excluded. Prepared by Nancy LeBlanc Turner. August 1990.

Q.B.-90-68. Soil Fertility and Crop Production 1895-1930, January 1979-April 1990. 265 citations; languages: None excluded. Prepared by Nancy LeBlanc Turner. August 1990.

Q.B.-90-69. Urban and Community Gardening, January 1984-April 1990. 212 citations; languages: English only. Prepared by Nancy LeBlanc Turner. August 1990. Updates 88-20.

Q.B.-90-70. Vegetable Gardening, January 1984-April 1990. 232 citations; languages: English only. Prepared by Nancy LeBlanc Turner. August 1990. Updates 88-69.

Q.B.-90-71. Manure: Uses, Costs and Benefits, January 1984-May 1990. 257 citations; languages: English only. Prepared by Jayne T. MacLean. August 1990.

Q.B.-90-72. Worldwide Cultivation of Mushrooms, January 1985-April 1990. 205 citations; languages: English only. Prepared by Nancy LeBlanc Turner. August 1990. Updates 88-75.

Q.B.-90-73. Nursery Production of Landscape Plants, January 1985- April 1990. 139 citations; languages: English only. Prepared by Rebecca S. Thompson. August 1990. Updates 88-82.

Q.B.-90-74. Rural America's Elderly, January 1979-April 1990. 201 citations; languages: English only. Prepared by John Kane. August 1990. Updates 88-66.

Q.B.-90-75. Part-Time Farming, January 1979-March 1990. 147 citations; languages: English only. Prepared by Jayne T. MacLean. August 1990.

Q.B.-90-76. Forage Legumes, January 1987-May 1990. 314 citations; languages: English only. Prepared by Jayne T. MacLean. August 1990. Updates 90-76.

Q.B.-90-77. Hydroponics: Nutrient Film Techniques, January 1985-June 1990. 257 citations; languages: English only. Prepared by Henry Gilbert. August 1990. Updates 89-27.

Q.B.-90-78. Nutrition and the Elderly, January 1987-May 1990. 307 citations; languages: English only. Prepared by Shirley King Evans. August 1990.

Special Reference Briefs

SRB-90-08. Selected Resources on Aging: An Annotated Bibliography for Researchers and Educators. Prepared by Billie H. Frazier and Kathleen C. Hayes. June 1990.

SRB-90-09. Selected Resources on Aging: An Annotated Bibliography for Consumers. Prepared by Billie H. Frazier and Kathleen C. Hayes. June 1990.

SRB-90-10. Selected Resources on Dementia and Alzheimer's Disease: An Annotated Bibliography for Educators and Consumers. Prepared by Billie H. Frazier and Kathleen C. Hayes. June 1990.

SRB-90-11. Pesticide Residues in Food. Prepared by Shirley King Evans. August 1990.

AIC Series

AIC-1. Algae and Biotechnology. Prepared by Ann Townsend Young. July 1990.

AIC-2. Paddlefish. Prepared by Deborah T. Hanfman. July 1990.

AIC-3. Watercress. Prepared by Ann Townsend Young and Michelle E. Foster. July 1990.

AIC-4. Sturgeons. Prepared by Ann Townsend Young and Michelle E. Foster. July 1990.

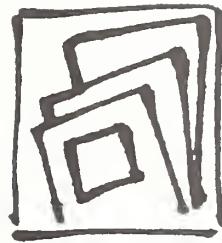
AWIC Series

AWIC-3. Audio-Visuals Relating to Animal Care, Use and Welfare. Prepared by Kevin P. Engler. June 1990. Updates June 1989.

AWIC-4. (Preliminary Report # 1) Animal Welfare Legislation: Bills and Public Laws, January 1990-June 1990. Prepared by Karen J. Clingerman. July 1990.

Search Tips Series

STS-03. Searching AGRICOLA for...Animal Welfare. Prepared by Karen Clingerman, Carol Dowling, and Janice Swanson. June 1990.



New Serials Received at NAL

ACCART News / Australian Council for the Care of Animals in Research and Teaching. Braddon, A.C.T.: The Council. Quarterly. Vol. 1, no. 1 (spring 1988)-
SF405.5.A3

The AV Magazine. Jenkintown, PA.: American Anti-Vivisection Society. Monthly. Vol. 85 (Jan. 1977)-
HV4701.A9

Advances in Food and Nutrition Research. San Diego: Academic Press. Annual. Vol. 33 (1989)-
TX537.A38

Advancing the Consumer Interest: ACI / A Publication of the American Council on Consumer Interests. Columbia, MO: The Council. Semiannual. Vol. 1, no. 1- (c1989)-
HC110.C63A7

Agroprom Ukrayn. Kiev: Urozhai. Monthly. 1989, 1 (ianv. 1989)-
S13.A35

Agroecologia Neotropical. Ann Arbor, Michigan: Institute for the Development of Agricultural Alternatives. Vol. 1, no. 1 (enero de 1990)-
S481.A4

American Journal of Reproductive Immunology: AJRI. New York: Alan R. Liss. Monthly. Vol. 19, no. 1 (Jan. 1989)-
QR180.A53

Analytical Progress / Medallion Laboratories. Minneapolis, MN: The Laboratories. Vol. 1, no. 1 (Sept. 1984)-
RM214.A53

Annual Report / Center for Agricultural and Rural Development. Ames, IA: Center for Agricultural and Rural Development, Iowa State University. Annual. 1987-
HD1410.6.U52I8

The...Annual Report of Farm Management Data for Small Farm Units / Compiled by Farm Management Research Section, Economics and Markets Branch, Ministry of Agriculture. Harare: The Section. Annual. 1st (1982/83)-
HD1476.Z55A5

Biennial Report / Agricultural Research and Advisory Station. Condobolin: The Station. Biennial. 1985-1987-
S542.A82A472

Biennial Report / Agricultural Research and Advisory Station, Grafton. [Sydney?]: NSW Agriculture & Fisheries.

Biennial. July 1985-June 1987-
S542.A82A47

Bioconjugate Chemistry. Washington, DC: American Chemical Society. Bimonthly. Vol. 1, no. 1 (Jan./Feb. 1990)-
QH345.B552

Cell Regulation. Bethesda, MD: American Society for Cell Biology. Monthly. Vol. 1, no. 1 (Nov. 1989)-
QH604.C452

Critical Reviews in Analytical Chemistry / CRC. Boca Raton, FL: CRC Press. Quarterly. Vol. 9, issue 2- (c1980)-
QD71.C5

Chinese Journal of Genetics = Acta genetica Sinica. New York, NY: Allerton Press. Quarterly. Vol. 15, no. 1- (c1988)-
QH431.I172

Dealer Progress. Washington, DC: Fertilizer Institute. Bimonthly. Vol. 19, no. 6 (Nov./Dec. 1988)-
S631.F44

Economic & Policy Information for Missouri Agriculture / Department of Agricultural Economics, University of Missouri-Columbia. Cooperative Extension Service, University of Missouri. Monthly. Vol. 31, no. 3 (Mar. 1988)-
HD1775.M8A34

Fresenius Journal of Analytical Chemistry. Berlin: Springer International. Irregular. Vol. 336, no. 1 (1990)-
QD71.F7

Furniture Retailer: Official Journal of the National Home Furnishings Association. Greensboro, NC: Pace Communications. Monthly. Vol. 1, no. 1 (Apr. 1989)-
TS840.N37

The Green Sheet. Washington, DC: National Association of State Universities and Land-Grant Colleges, Office of Communications Services. Jan. 31, 1980-
LB2329.5.G74

Grower Digest. London: Grower Publications Ltd. Irregular. No. 1- (c1988)-
SB317.5.G762

Handicapped Connection / Cooperative Extension Service, Utah State University, Developmental Center for Handicapped Persons. Logan, UH: The Service. Two no. a year. Vol. 1, no. 1 (spring 1985)-
HV1551.H3

Harvard Papers in Botany. Cambridge, MA: Harvard University Herbaria. Semiannual. No. 1 (May 1989)-
QK1.H37

Informação. Lisboa: Instituto Nacional de Investigações Agraria. Quarterly. No. 6 (julho/set. 1986)-
S542.P8I57

International Arachis Newsletter / Prepared by Legumes Program, ICRISAT. Patancheru, Andhra Pradesh, India: The Program. Semiannual. No. 1 (May 1987)-
SB351.P3I55

International Journal of Aromatherapy. Hove, E. Sussex, England: Aromatherapy Publications. Quarterly. Vol. 1, no. 1 (Feb. 1988)-
RM666.A68I5

Khimizatsiia selskogo khoziaistva. Moskva: Agropromizdat. Monthly. 1988, 1-
S633.5.S68K44

Kormovye kultury. Moskva: VO "Agropromizdat". Bimonthly. 1988, 1-
SB193.A1L8

Lawn and Landscape Maintenance. Cleveland, OH: G.I.E., Inc. Monthly. Vol. 10, no. 7 (July 1989)-
SB433.L32

Library Workstation Report. Westport, CT: Meckler. Monthly (except July/Aug. and Nov./Dec. combined). Vol. 6, no. 1 (Jan. 1989)-
QA76.8.I126M1

Long-Term Care Currents. Columbus, OH: Ross Laboratories. Quarterly. Sept. 1978-
RA997.L6

Malaysian Applied Biology = Biologi gunaan Malaysia. Kuala Lumpur: Malaysian Society of Applied Biology. Semiannual. Vol. 6, no. 1 (June 1977)-
S295.M3

Meat Business Magazine. St. Louis, MO: ADmore Pub. Monthly. Vol. 51, no. 2 (Feb. 1990)-
TS1950.M432

Modern Horse Breeding: MHB. Gaithersburg, MD: Fleet Street Corp. Monthly. Vol. 1, no. 1 (Jan. 1984)-
SF291.M6

Molecular Genetics, Microbiology and Virology. New York, NY: Allerton Press. Twelve no. a year. 1986, no. 1-
QH506.M652

New Zealand Agricultural Science. Auckland, NZ: Trade Publications, Ltd. Quarterly. Vol. 1, no. 1 (July 1965)-
S17.N4

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HV4701.T8

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Publications Exchange

Serial Gaps

The National Agricultural Library identifies gaps in the national collection through collection maintenance activities and patron requests. We appreciate your donation of the following publications needed to complete collections. If you have questions, call Ruth Finnblade, Gift and Exchange Program, (301) 344-4061.

Send items to:

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Chemistry and Industry. 1985 (7-8); 1989 (11).

Journal of Food Biochemistry. Vol. 5 (3) 1981; 7 (4), 1983.

Norsk Havetidend. Vol. 89 (1), 1973; 91 (6), 1975; 92 (9), 1976; 93 (11-12), 1977; 94-95, 1978-79; 100 (11-12), 1984; 101 (5), 1985; 102 (10-11), 1986.

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Surplus Publications

The National Agricultural Library will make available the following surplus publications to any interested organization that regularly sends free publications to NAL, including most Federal, land-grant, and agricultural research institutions as well as many others. Foreign institutions will need to provide a U.S. mailing address or make other special arrangements with U.S. sources for shipment of material. Listed titles may be requested up to six months following announcement.

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Agricultural Research. 1947-77.

Agronomy Abstracts, Annual Meetings. 1976-82.

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Horticulture. 1960-77; 1987-89.

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Journal of Farm Economics. Vol. 29-49, 1947-67.

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Contributions to Surplus Distribution

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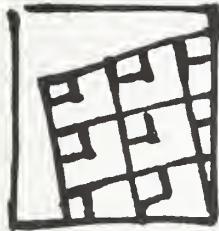
Or call Ruth Finnblade, (301) 344-4061.

(AG DATEBOOK, from page 21)

October 8-12: Association for the Advancement of Industrial Crops (AAIC) First International Conference on New Industrial Crops and Products. University of California, Riverside, CA; Sheraton Hotel and Convention Center. Contact: Ms. Cindy McKernan, Department of Botany and Plant Science, University of California, Riverside, CA 92521. (714) 787-3423.

October 9: Delmarva Poultry Industry, Inc. Annual Meeting. Delmar, MD. Contact: DPI, Inc., R.D. 2, Box 47, Georgetown, DE 19947-9622.





Agriculture Datebook

September 15-October 15: Hispanic Heritage Month. (Opening Ceremony—Sept. 18, USDA Patio, 10 a.m.). Washington, DC. Contact: Vionnette Tidwell, OAE, (202) 382-0352.

September 16-17: National G&T Managers Association Meeting. Minneapolis, MN. Contact: (202) 382-9540.

September 16-18: University of Missouri College of Agriculture National Conference on Climate Change & Agriculture. St. Louis, MO; Marriott Pavilion Downtown. Contact: Karen Powell, Univ. Extension Conference Office, 344 Hearn Center, U. of Missouri, Columbia, MO 65211.

September 16-19: Corn Refiners Association Scientific Conference. Indianapolis, IN; Westin Hotel. Contact: CRA, (202) 331-1634.

September 17: National Ag Credit Meeting. Chicago, IL. Contact: (202) 786-3300.

September 17-18: ARS Western Regional Research Center 50-Year Celebration. Albany, CA. Contact: (202) 447-3656.

September 17-19: International Egg Commission Annual Conference. San Francisco, CA; Nikko Hotel. Contact: United Egg Producers, (202) 833-3123.

September 17-20: AgTechnology '90. St. Louis, MO; Sheraton. Contact: (319) 277-3599.

September 18-19: National Extension Youth at Risk Summit. Washington, DC. Contact: Cathy Selberg, USDA, ES, (202) 447-6084.

September 18-20: 40th National Public Policy Education Conference. Park City, UT. Contact: (202) 447-4164.

September 18-20: Sixth International Trade Fair & Congress for Biotechnology. Hannover, West Germany; Hall 17. Contact: Deutsche Mess AG, Messegelände, D-3000 Hannover 82, W. Germany.

September 19-21: NRECA Regional Meeting, Region VII. Steamboat Springs, CO; Sheraton Resort & Conference Center. Contact: (202) 382-9540.

September 21: Food & Agriculture Committee of the National Planning Association. Washington, DC; International Club of Washington. Contact: (202) 447-4164.

September 23-27: American Association of Zoological Parks and Aquariums (AAZPA). Indianapolis, IN. Contact: AAZPA, (304) 242-2160.

September 24: National Association of Extension Home Economists Annual Meeting. Chicago, IL. Contact: (202) 447-2908.

September 24-26: International Symposium on Biotechnology and Nutrition. College Park, MD; University of Maryland. Contact: U. of Md. Center for Biotechnology, (301) 975-4509.

September 25-26: Experiment Station Committee on Organization and Policy Meeting. St. Louis, MO. Contact: (202) 447-4423.

September 26-27: RTB Annual Meeting. Washington, DC. Contact: (202) 447-4581.

September 26-27: Veterinary College Advisory Board Meeting. Ithaca, NY; Cornell University. Contact: (202) 447-4423.

September 26-28: American Feed Industry Association's 32nd Annual Marketing Seminar. Minneapolis, MN; Hyatt Regency. Contact: (703) 524-0810.

September 26-28: FUTURE-PAK '90: Eighth International Ryder Conference on Food Packaging Innovations. Atlanta, GA; Hyatt Regency. Contact: (201) 887-2178.

September 26-29: The 21st Century: The Wilson Symposium on the Future of Public Libraries. Omaha, NE; Best Western Regency West. Contact: College of Continuing Education, Clarion University of PA, 108 Carrier Admin. Bldg., Clarion, PA 16214-1232. (814) 226-2109.

September 29: Southwest Indian Agriculture Association. Laughlin, NV. Contact: Howard E. Jones, (602) 621-5430.

September 30-October 3: National Agricultural Chemicals Association's Annual Meeting. White Sulphur Springs, WV. Contact: (202) 296-1585.

October 1: Southern Region Outlook Conference. Atlanta, GA. Contact: (202) 447-4164.

October 1-3: NRECA Regional Meeting, Regions II and III. Kissimmee, FL; Hyatt Orlando Hotel. Contact: (202) 382-9540.

October 3: Southern Regional Outlook Conference. Atlanta, GA. Contact: (202) 447-6030.

October 3-4: ARS Eastern Regional Research Center 50-Year Celebration. Philadelphia, PA. Contact: (202) 447-3656.

October 3-4: Defi Ble 90 International Conference Devoted to Wheat. Paris, France; Pullman St. Jacques Hotel. Contact: Defi Ble 90 Conference, Institute Techniques Des Cereales, 8, Avenue du President Wilson, 75116 Paris, France.

October 4: National Association of County Agricultural Agents Annual Meeting. Seattle, WA. Contact: (406) 538-3919.

October 4: U.S. Sheep Experiment Station 75th Year Anniversary Celebration. Dubois, ID. Contact: (202) 447-3656.

October 6-12: National Association of State Meat & Food Inspection Directors Annual Meeting. Denver, CO. Contact: Claude Carraway, (919) 733-4136.

October 6-12: U.S. Animal Health Association Annual Meeting. Denver, CO; Radisson Downtown. Contact: USAHA, P.O. Box 28716, Richmond, VA 23228.

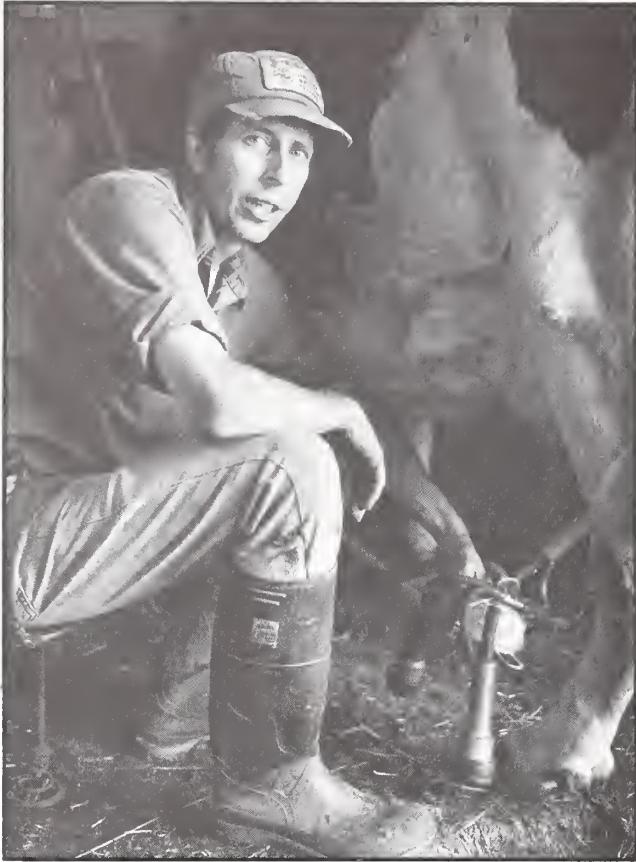
October 7-10: National Association of State Departments of Agriculture Annual Meeting. Richmond, VA; Omni Richmond Hotel. Contact: NASDA, (202) 628-1566.

October 7-10: National Feed Ingredients Association Annual Convention. Ft. Lauderdale, FL; Marriot Harbor Beach. Contact: NFIA, (515) 225-9611.

October 7-12: 23rd International Dairy Congress. Montreal, Canada. Contact: (202) 653-6976.

October 8: National Assembly of Chief Livestock Health Officials Annual Meeting. Denver, CO. Contact: George C. Edwards, (919) 733-7601.

(Continued on page 20, col. 2, AG DATEBOOK)



John Milking, Summer 1985.



Amy and sick cow, Spring 1987.

"Davidson's: A Farm Family 1985-1988"—An Exhibit at NAL

by Rod Sutton

Throughout my life, I have sought to maintain a nucleus around which I could evolve my being. Family life is important to me. When in 1985 I found myself seeking a new photographic endeavor, "the family" seemed a natural subject.

I chose a farm family for two reasons: 1) family life on a farm would be more closely tied to a location and 2) the economic stresses facing farmers would be likely to upset delicate successful family relationships. I selected the family at random. The only member I knew at all was Paula who was a student in one of my photography classes. The others I met as I proceeded with the project.

John has lived his entire life on this fourth generation family farm. He purchased the farm from his parents, Richard and Grace, in January of 1978. He is a soft spoken, caring man who has at times amazed me with his concern for others. He is one of the hardest working people I know

and many times has had to manage alone.

Paula is from Long Island. Feeling the need to provide additional income, she sought outside employment and stopped working on the farm in the fall of 1985. Paula now teaches in an alternative education program. The apparent opposite of John, Paula is not quiet, but rather outgoing and full of emotion. She shows much concern for those less fortunate than herself.

Scott at 19 no longer lives on the farm. He is not attracted by the



John with the Belgian draft horses, Charlie and Jerry, Winter 1987.



John and Scott, Spring 1986.

long hours and hard work for such meager financial gain. He now lives in an apartment in Norwich.

Amy at 16 is forced to deal with Achondroplasia, the most common form of dwarfism. Her teenage years have been difficult. Not only is she dealing with the complexities of entering adulthood but also the acceptance of her physical size by her peers.

Lisa at 14 comes closest to reflecting her father's personality. She is somewhat shy, yet outgoing when she feels comfortable. She told me the farm restricts life to the location and does not allow for family vacations or opportunities to get away together.

John milks 42 holstein cows, raises his replacement heifers and tends to 410 acres of land. Now he has part time help for milking and his parents tend to some of the chores. He shares a love of draft horses with his father.

"Looking at the pictures," Paula Davidson said, "I could see how far we've come as a family. This was a difficult time in our lives. We were all feeling the economic effects that many farm families were feeling nationwide. The stress was felt in each of us and reflected in how we reacted to each other. There was little joy then and the pictures showed this. I'm glad we came through this time together. Actually, we've grown from it—as individuals and as a family."



NOTE: The exhibit of more than forty 11" x 14" photographs, "Davidson's: A Farm Family, 1985-1989" by Rod Sutton, will be in the NAL lobby through the end of October, 1990.



Paula and Lisa, Summer 1986.

About the Photographer, Rod Sutton

Rod Sutton is a lifelong resident of central New York and has 15 years of experience as a professional photographer. His professional work has included educational communications, television news, advertising, and being an instructor in photography courses at various organizations.

In 1988, Mr. Sutton received a grant from Light Work, Syracuse University, to complete the "Davidsons: A Farm Family 1985-89." The exhibit was first displayed in 1989 at the Chenango County Council of the Arts Gallery in Norwich, NY. A selection of the photographs is presently on display in the Soviet Union as part of a cultural exchange.



In Davidson's kitchen, Summer 1986.



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(Left) Rod Sutton holds one of his photographs from the exhibit, "Davidson's: A Farm Family" now on view in the Rare Book exhibit area in the NAL lobby. Alan Fusonie, Head of Special Collections, NAL (L), and Howard "Bud" Kerr, Director, Office for Small Scale Agriculture (OSSA), USDA, jointly receive the exhibit (seen behind them) for the two sponsoring agencies. For more on the exhibit and greatly reduced reproductions of several of the photographs, see pages 22-23 of this issue of ALIN.



(Below left) Visiting scholars, scientists, and interns at NAL frequently tour the other national libraries during their stay. Here Mr. Yang, Ms. Xu, Ms. Chiao (3 on left) and Mr. He (on right) visit the Library of Congress with Ms. Shen of NAL's Cataloging Branch (center). Here they visit the Far East Division where their host was division chief, Dr. Hsia Tao-Tai (2nd from right). (See also page 15 of this issue of ALIN.)

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